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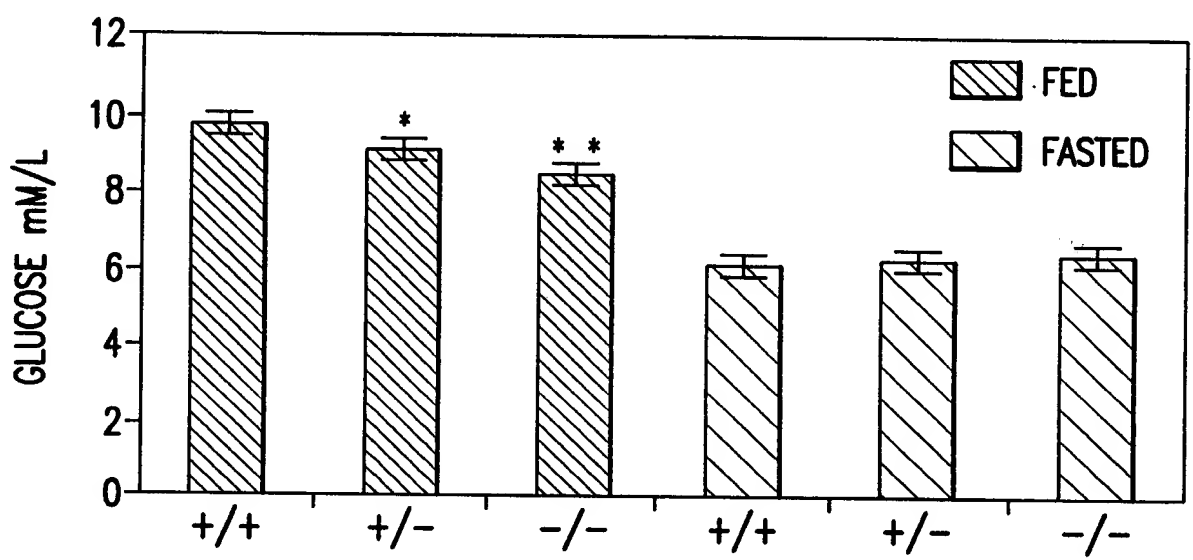


FIG.2A

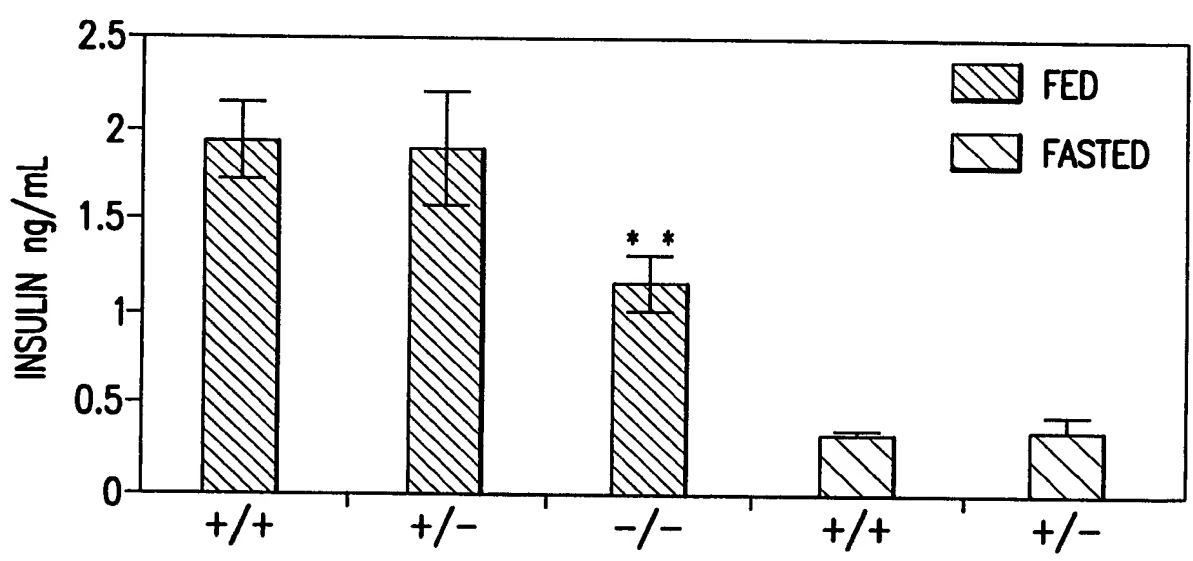


FIG.2B

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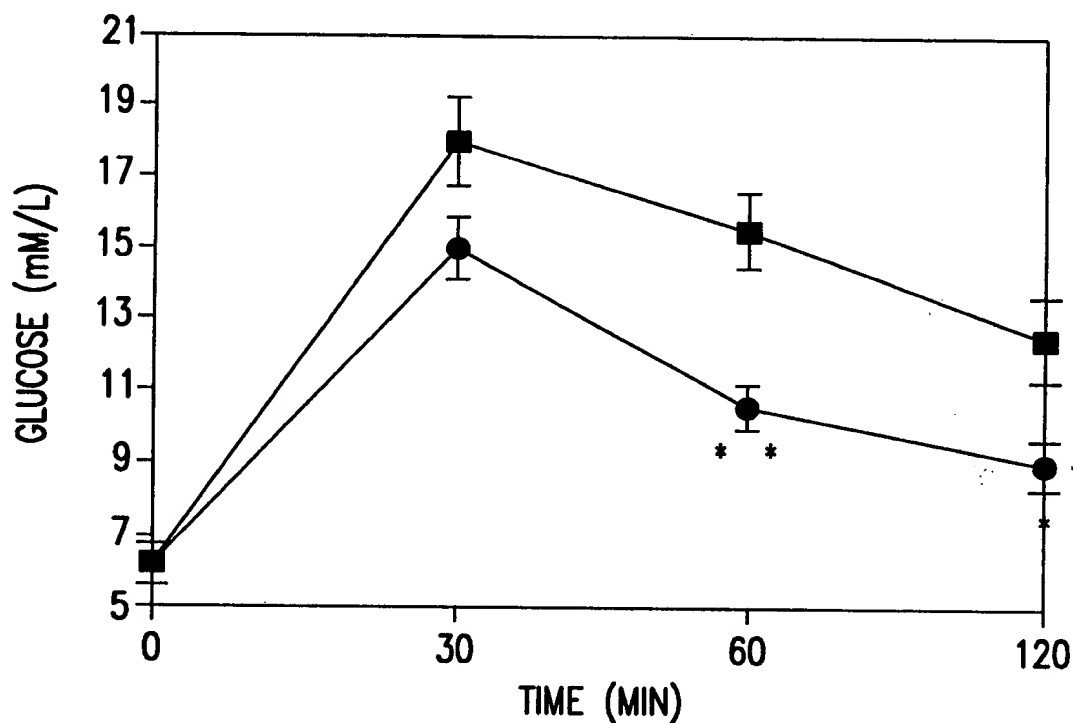


FIG.3A

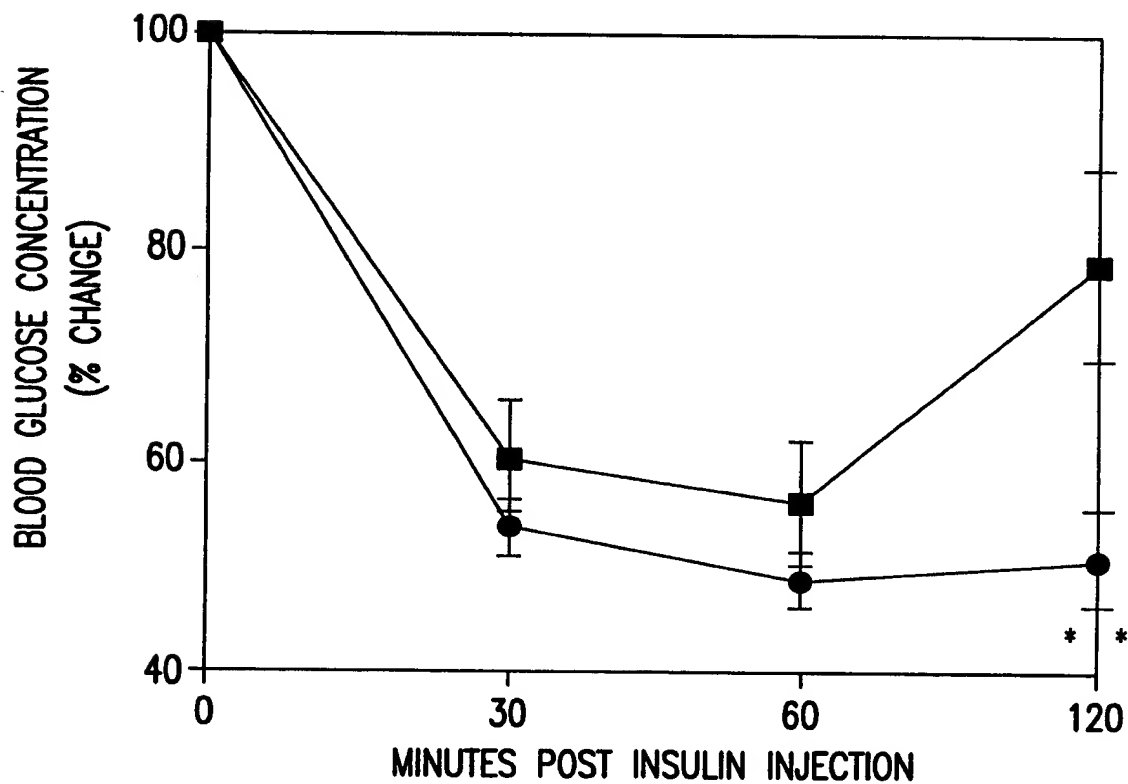


FIG.3B

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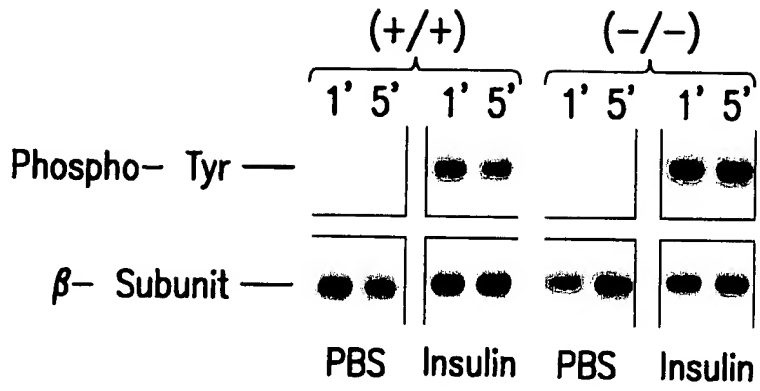


FIG.4A

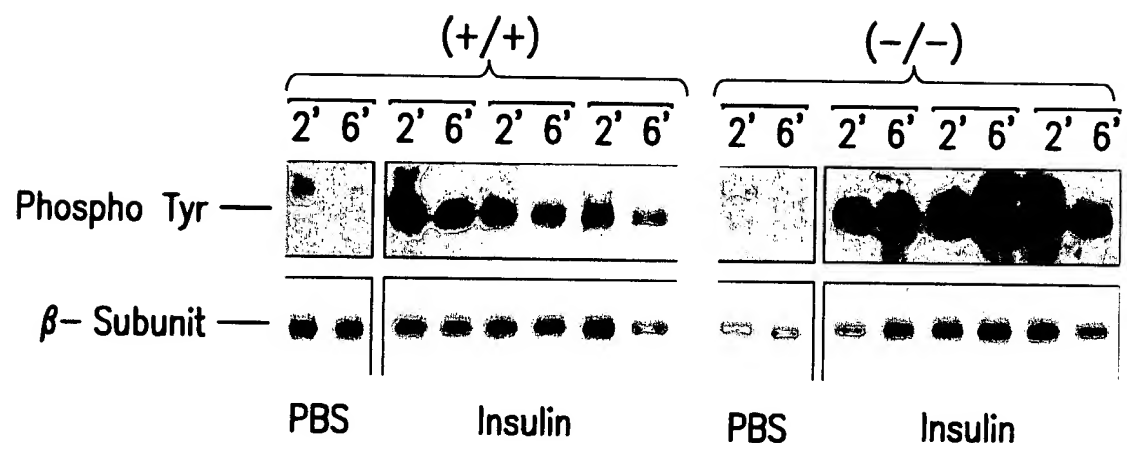


FIG.4B

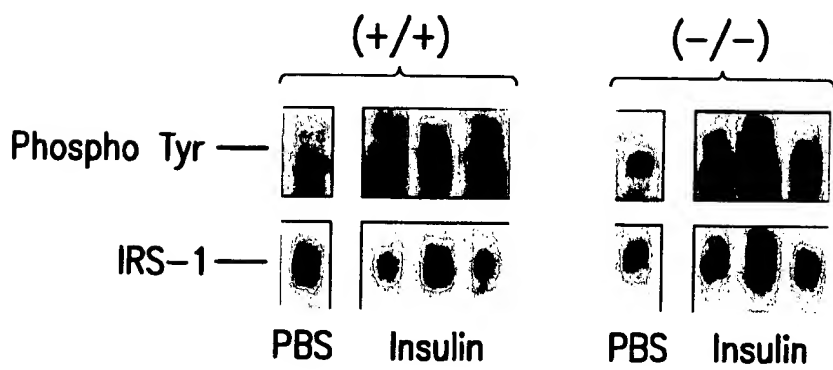


FIG.4C

Genotype	% IR Phosphorylation (approx.)	Significance
+/+ 1'	100	
+/+ 5'	58	*
-/- 1'	100	
-/- 5'	105	*

Genotype	IR Phosphorylation (Densitometer Units)
+/+ 2'	~100
+/+ 6'	~128
-/- 2'	~165*
-/- 6'	~168*

A bar graph comparing IRS-1 phosphorylation levels between two genotypes: +/+ and -/-. The y-axis is labeled 'IRS-1 PHOSPHORYLATION (DENSITOMETER UNITS)' and ranges from 0 to 300. The +/+ bar is hatched and reaches approximately 100 units. The -/- bar is also hatched and reaches approximately 250 units, with an asterisk (\*) above it indicating statistical significance. Error bars are present on both bars.

Genotype	IRS-1 Phosphorylation (Densitometer Units)
+/+	~100
-/-	~250*

**FIG.4C-1**

FIG. 5A

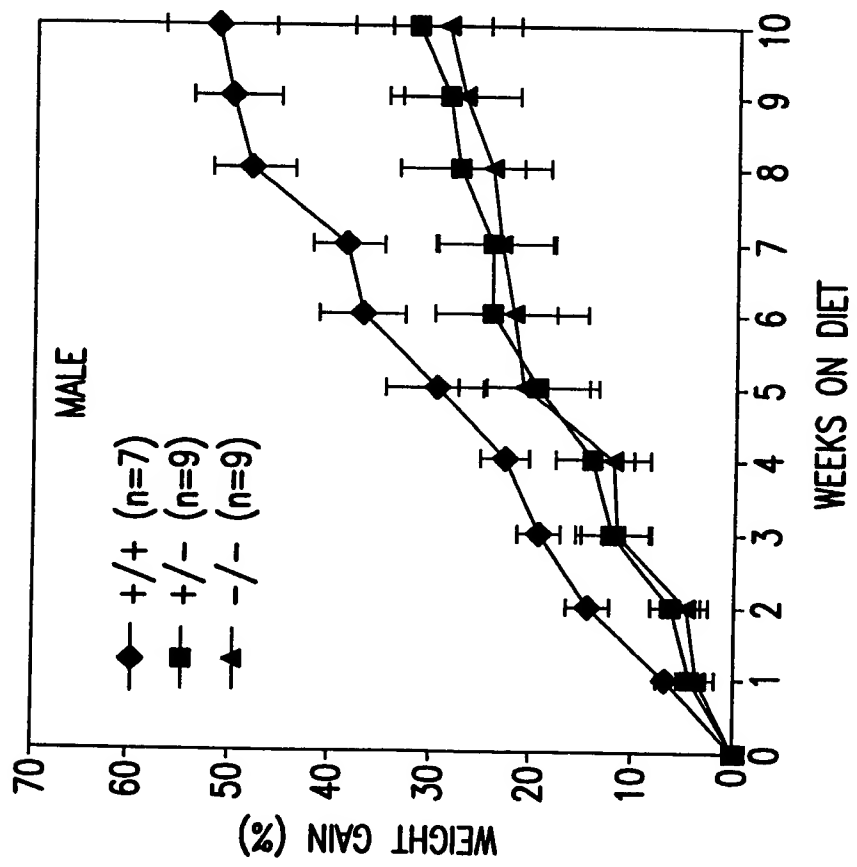


FIG. 5A

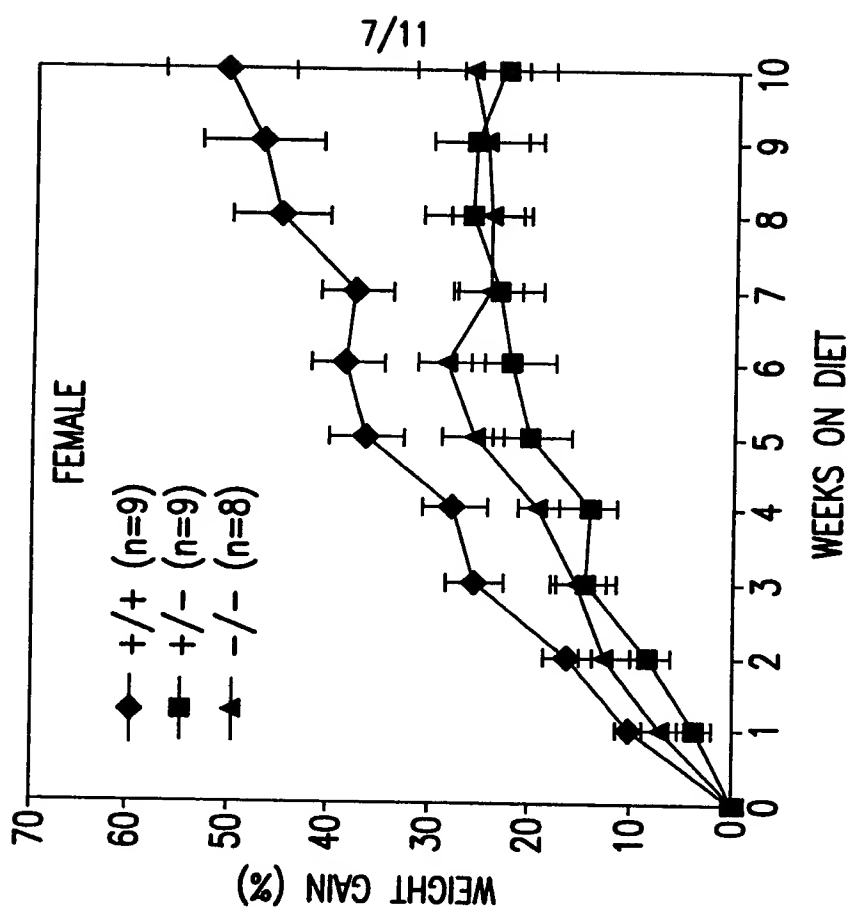


FIG. 5B

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FIGURE 6A

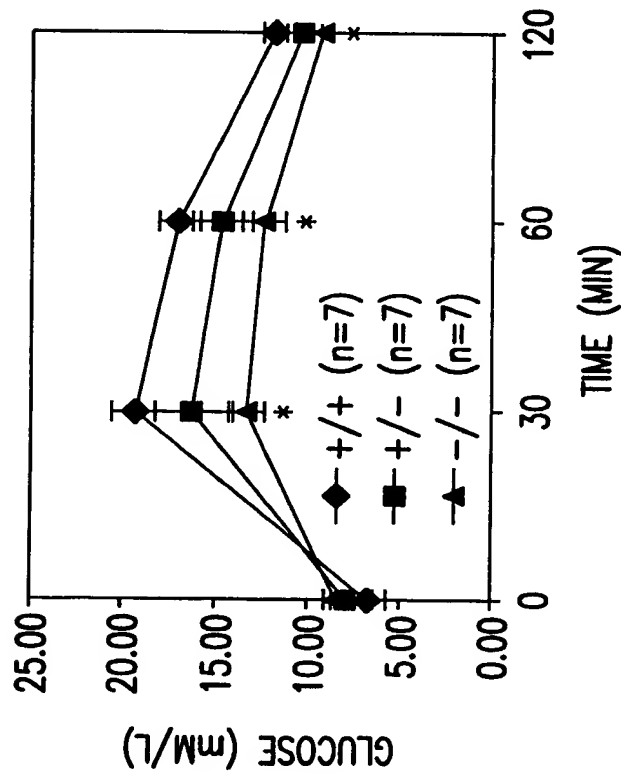


FIG. 6A

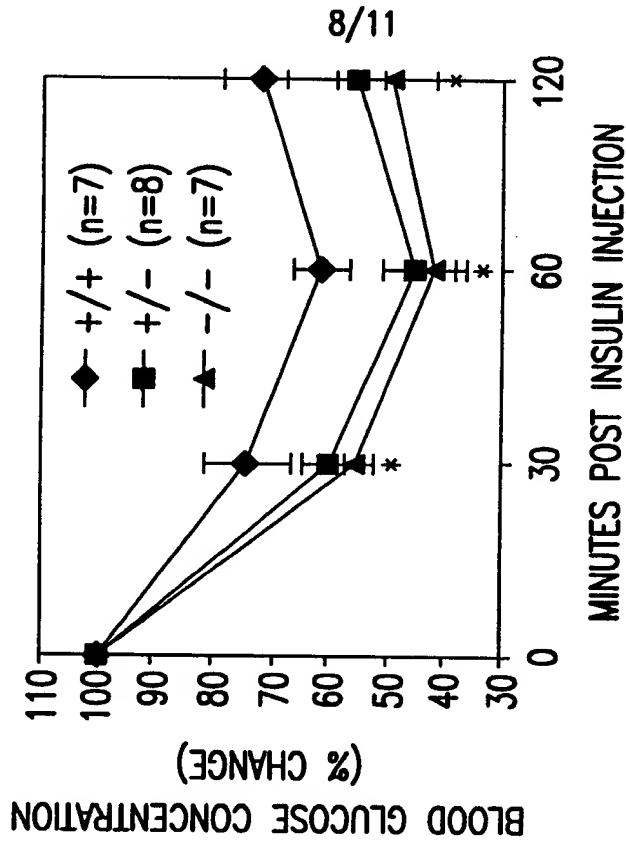


FIG. 6B



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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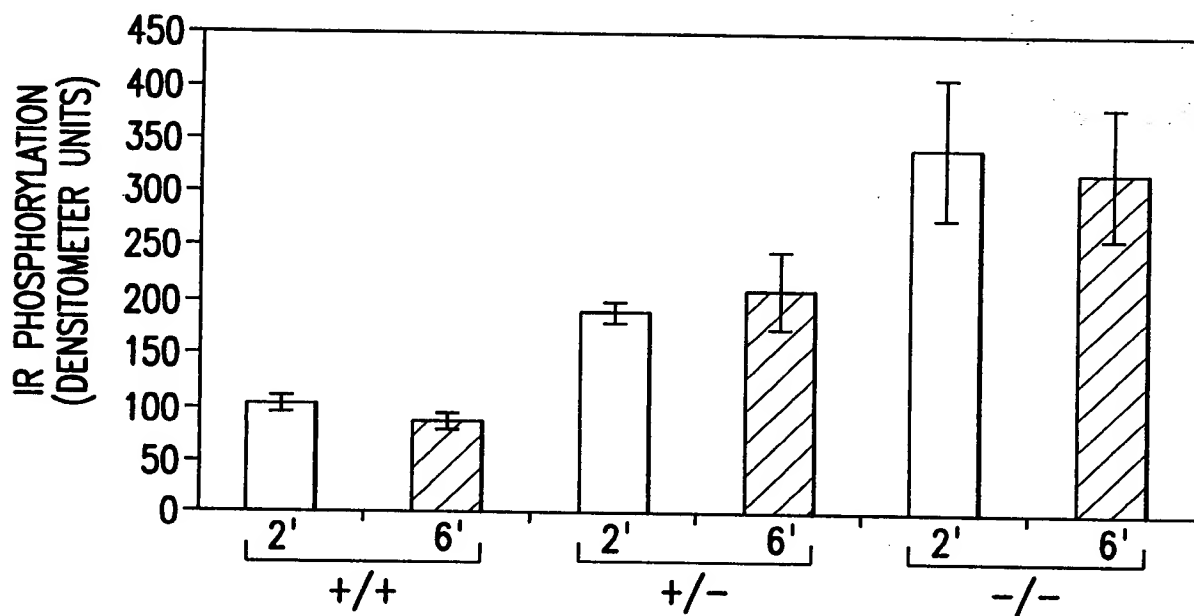


FIG.6C

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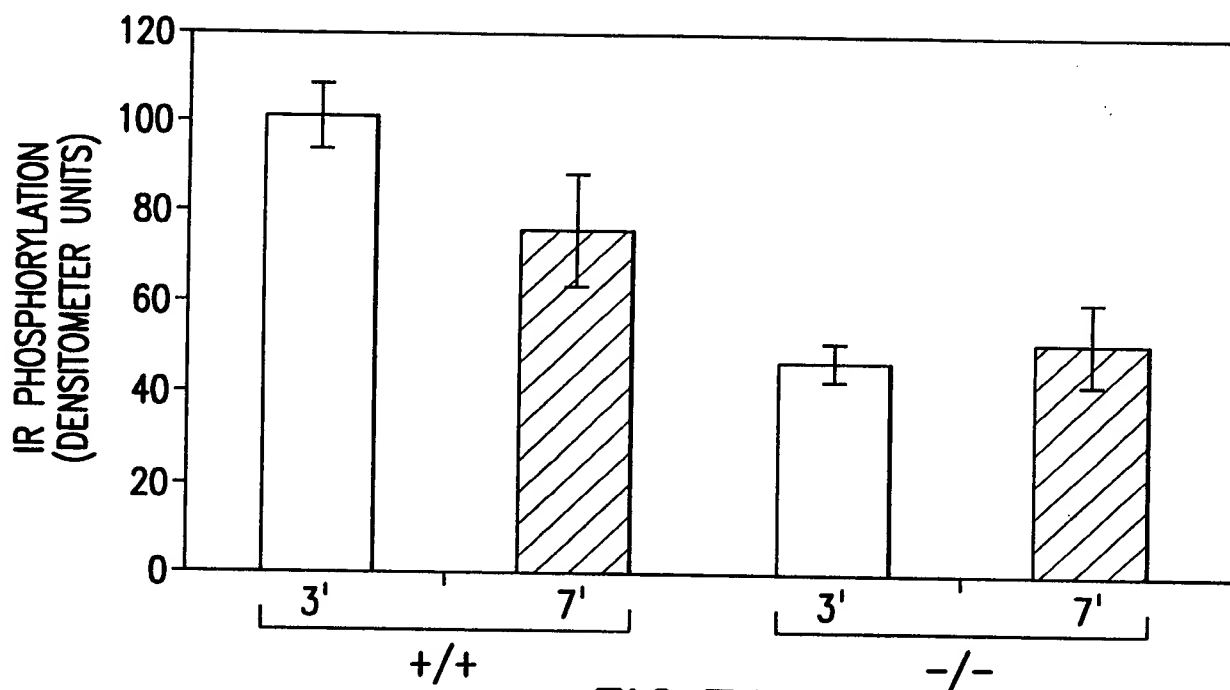


FIG.7A

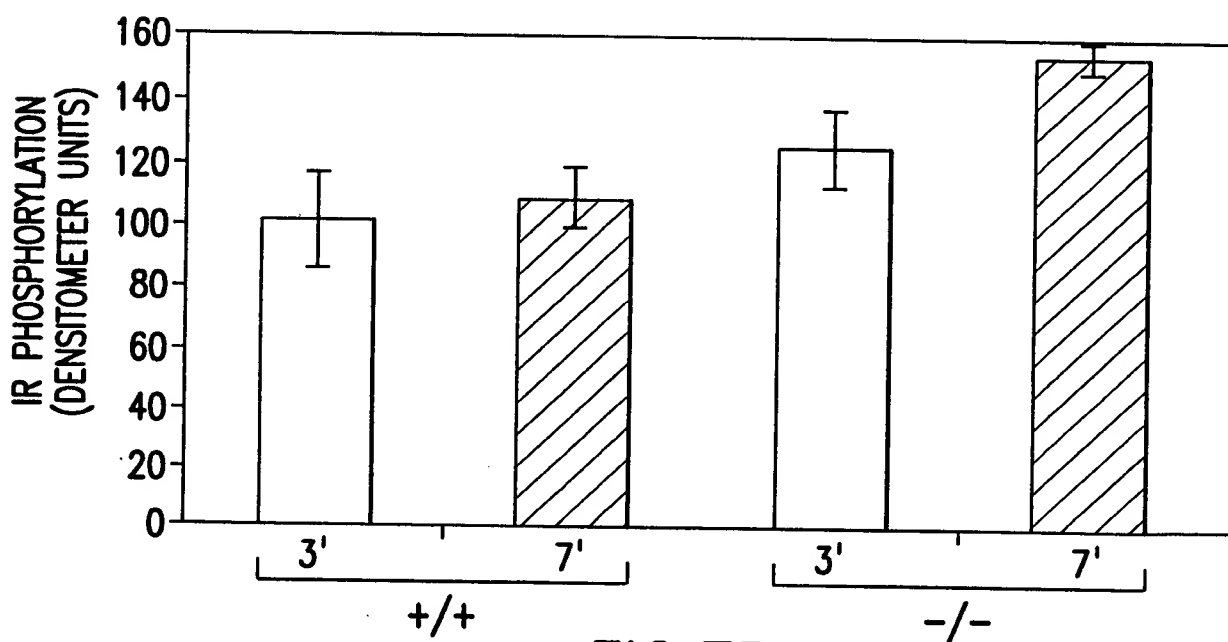
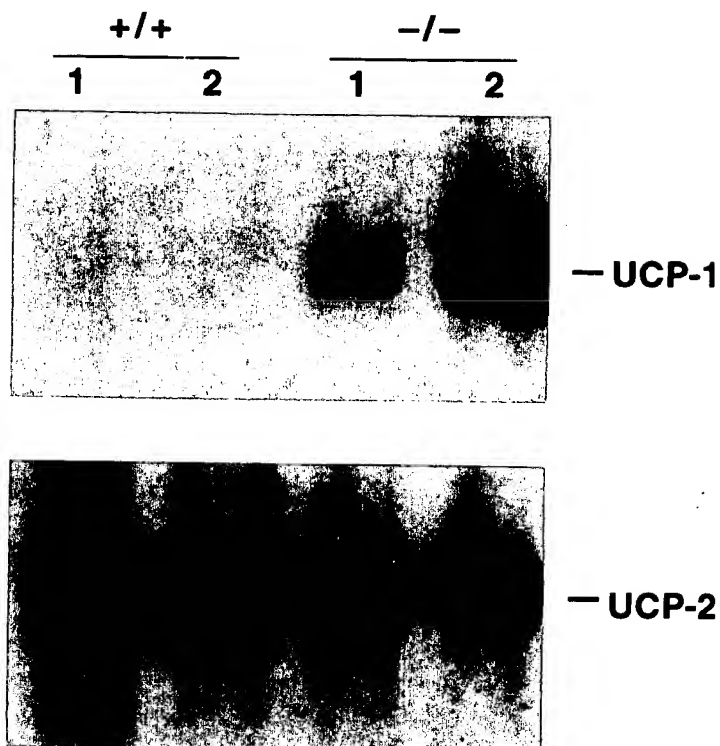


FIG.7B

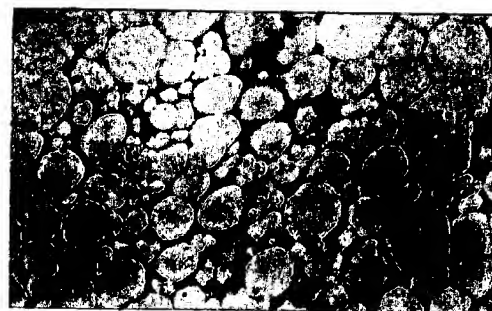
APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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FIG.8A

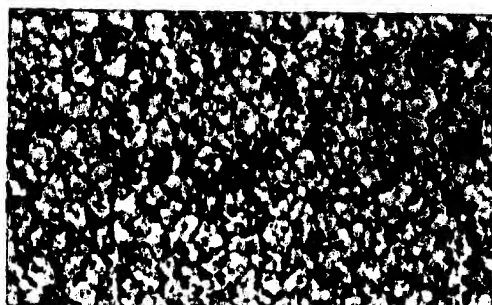


+/+ IWAT

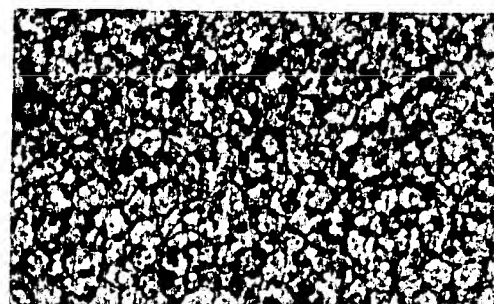


-/- IWAT

FIG.8B



+/+ IBAT



-/- IBAT

FIG.8C